

Figure 1

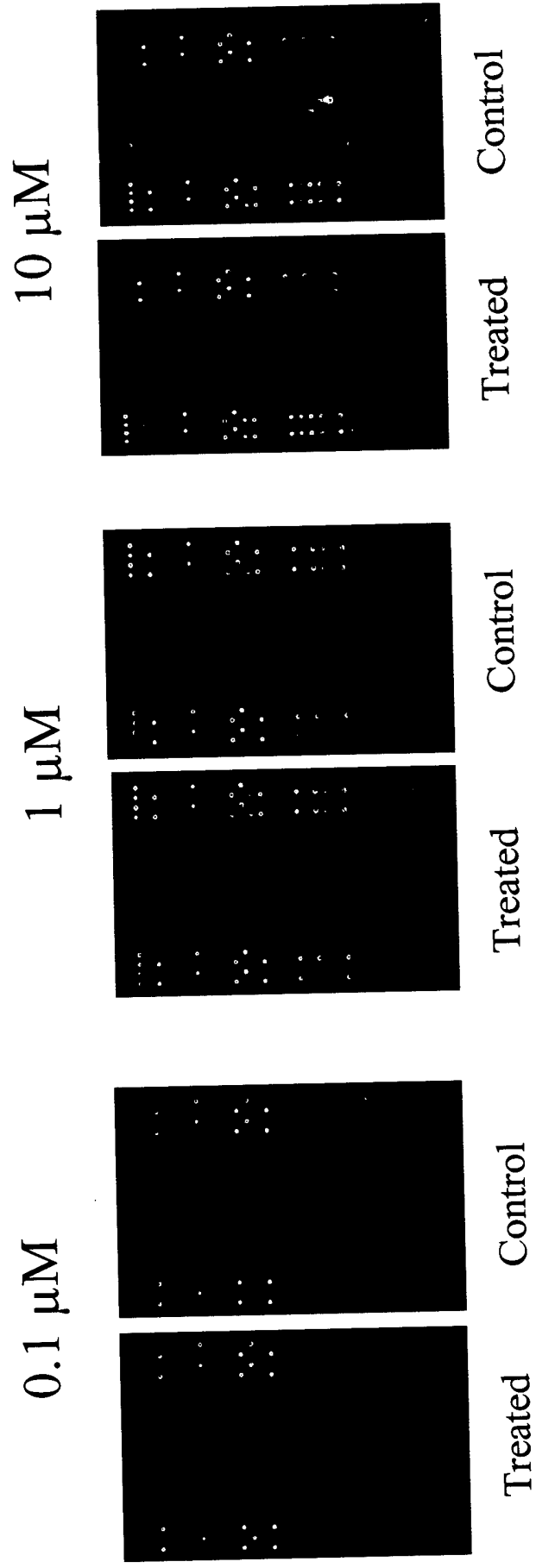
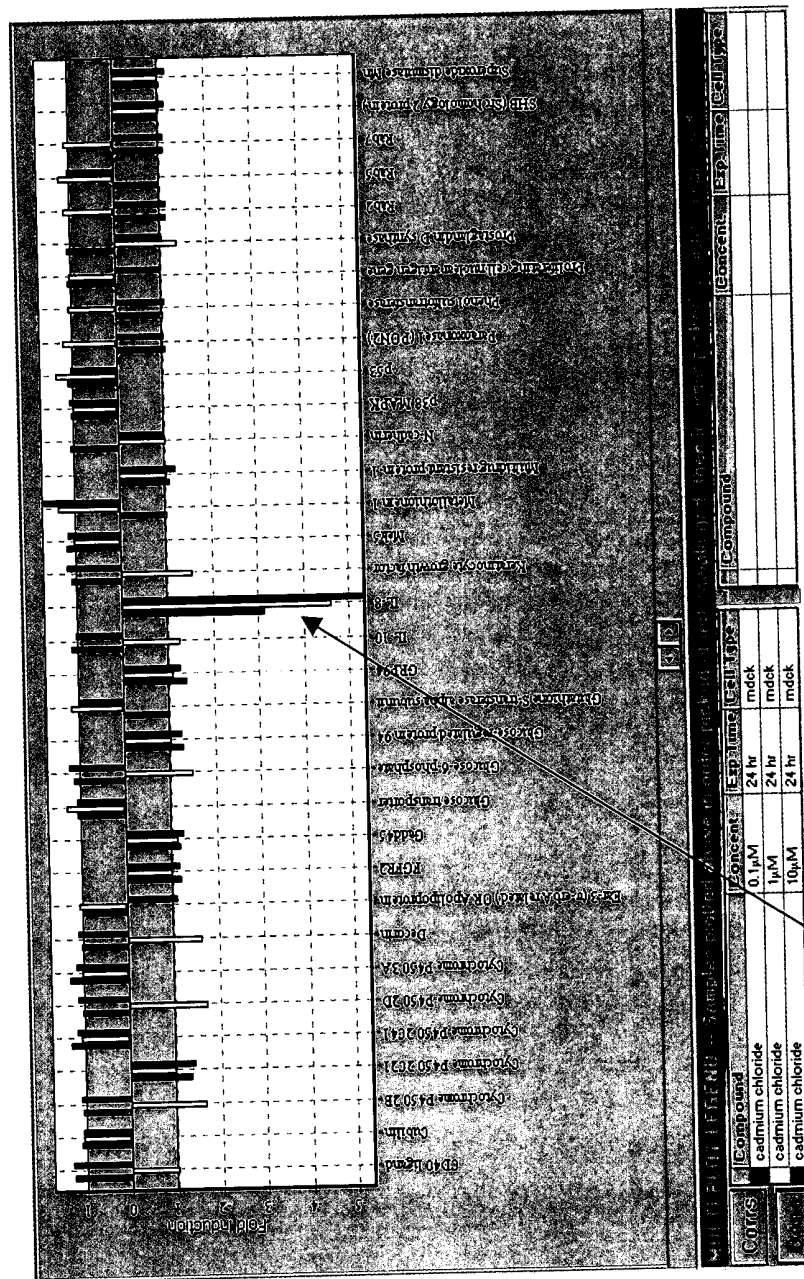


Figure 2

Gene	0.1 $\mu$ M	1 $\mu$ M	10 $\mu$ M
Alkaline phosphatase	1.28	1.11	1.21
BR-cadherin	1.21	-1.2	1.19
BRCA1		1.02	1.1
Beta-glucuronidase	-1.03	1.05	-1.09
CD40 ligand	1.27	-1.05	1.3
Catalase	-1.02	1.23	-1.1
Caveolin-2	-1.02	-1.13	-1.02
Cubilin	1.1	1.06	1.08
Cytochrome P450 2B	1.07	-1.68	1.11
Cytochrome P450 2C21	-1.37	-1.01	-1.44
Cytochrome P450 2C41	1.28	1.08	1.18
Cytochrome P450 2D	1.02	-1.75	1.12
Cytochrome P450 3A	1.29	1.04	1.17
Decorin	1.03	-1.63	1.1
Ear-3 (verba related) OR Apolipoprotein A1 regulatory protein (ARP-1)	1	1.06	-1.1
FGFR2	-1.2	-1.02	-1.17
GRP94	-1.4	-1.1	-1.28
Gadd45	-1.21	-1.15	-1.26
Glucose transporter	1.06	1.29	1.06
Glucose-6-phosphate	1.14	-1.51	1.23
Glucose-regulated protein 94	-1.32	-1.04	-1.27
Glutathione S-transferase alpha subunit	-1.03	1.16	1
IL-10	1.11	-1.27	1.04
IL-8	-3.15	-4.65	-5.36
Keratinocyte growth factor	1.1	-1.56	1.2
Mek5	1.21	1.03	1.17
Metallothionein 1	-1.05	1.35	1.72
Multidrug resistant protein-1	-1.12	-1.03	-1.25
N-cadherin	1.08	-1.06	-1.03
Paraoxonase1 (PON2)	-1.08	1.21	-1.04
Phenol sulfotransferase	-1.03	1.07	-1.07
Proliferating cell nuclear antigen gene	1.07	1.01	-1.02
Prostaglandin D synthase	1.06	-1.36	-1.05
Rab2	-1.14	1.12	-1.14
Rab5	-1.02	1.24	1.02
Rab7	-1.1	1.1	-1.13
SHB (Src homology 2 protein)	-1.02	-1	-1.13
Superoxide dismutase Mn	-1.05	-1.02	-1.16
Tissue inhibitor of metalloproteinases-1	-1.01	-1.18	-1.16
Tumor necrosis factor-alpha	1.2	-1.02	1.02
UV Excision repair protein RAD23 (XP-C)	-1.23	1.55	1.16
Ubiquitin	-1.12	1.04	-1.19
Vascular cell adhesion molecule 1 (VCAM-1)	1.23	-1.18	1.33
ZAP36/annexin IV	-1.08	1.15	-1.12
c-erb B-2	1.41	1.58	1.02
p38 MAPK	1.04	1	1.05
p53	1.09	1.35	1.02

Figure 3



Dose Response Curve of Interleukin-8 (IL-8) Over Three Doses

Title: CANINE TOXICITY GENES

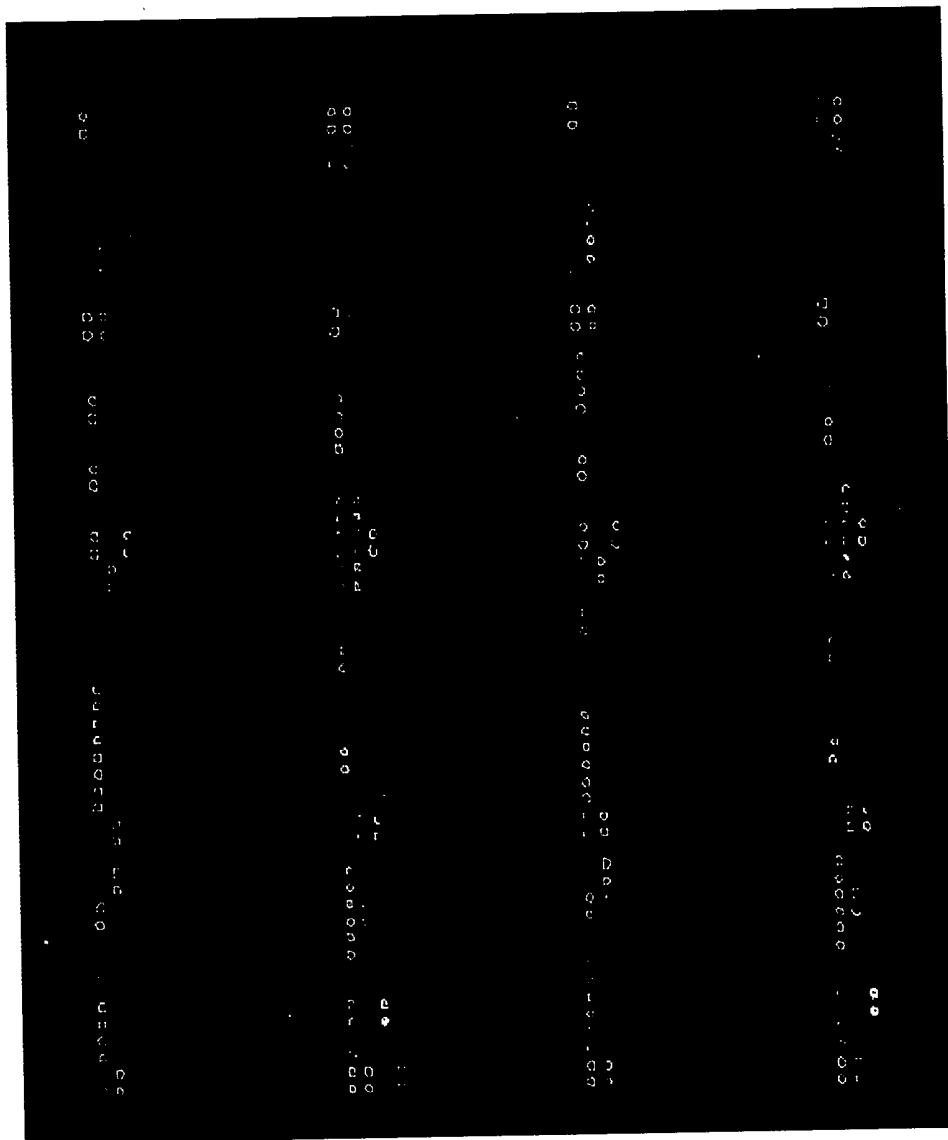
Inventor: Spencer B. FARR et al.

Application No. 400742000200

Docket No.: 400742000200

Sheet 4 of 8

Figure 4



Title: CANINE TOXICITY GENES

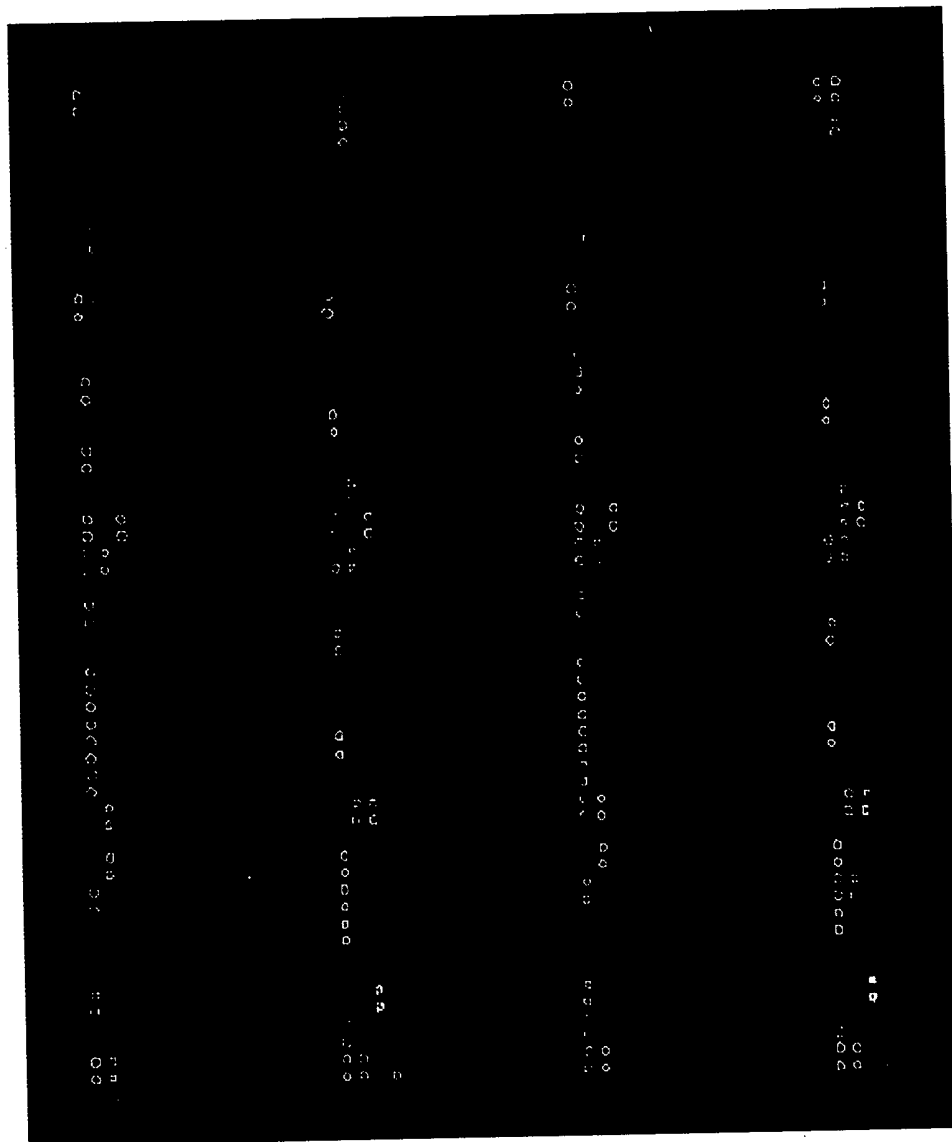
Inventor: Spencer B. FARR et al.

Application No.: 08/111,111 To Be Assigned To: FARR

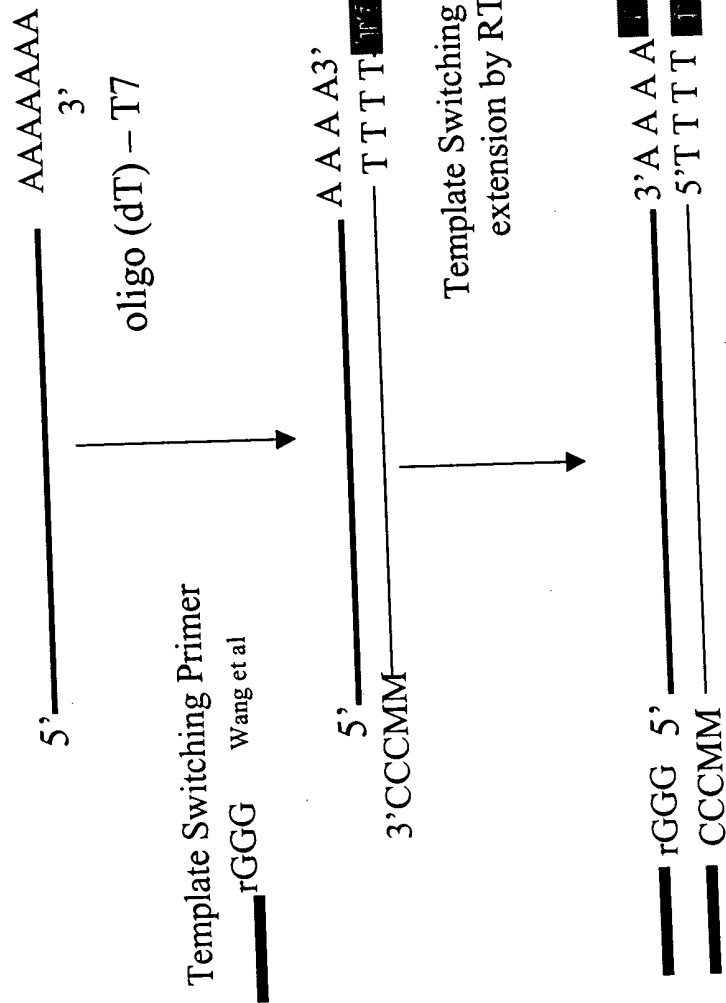
Docket No.: 400742000200

Sheet 5 of 8

Figure 5



**Figure 6 First-strand synthesis**



S

S

aS

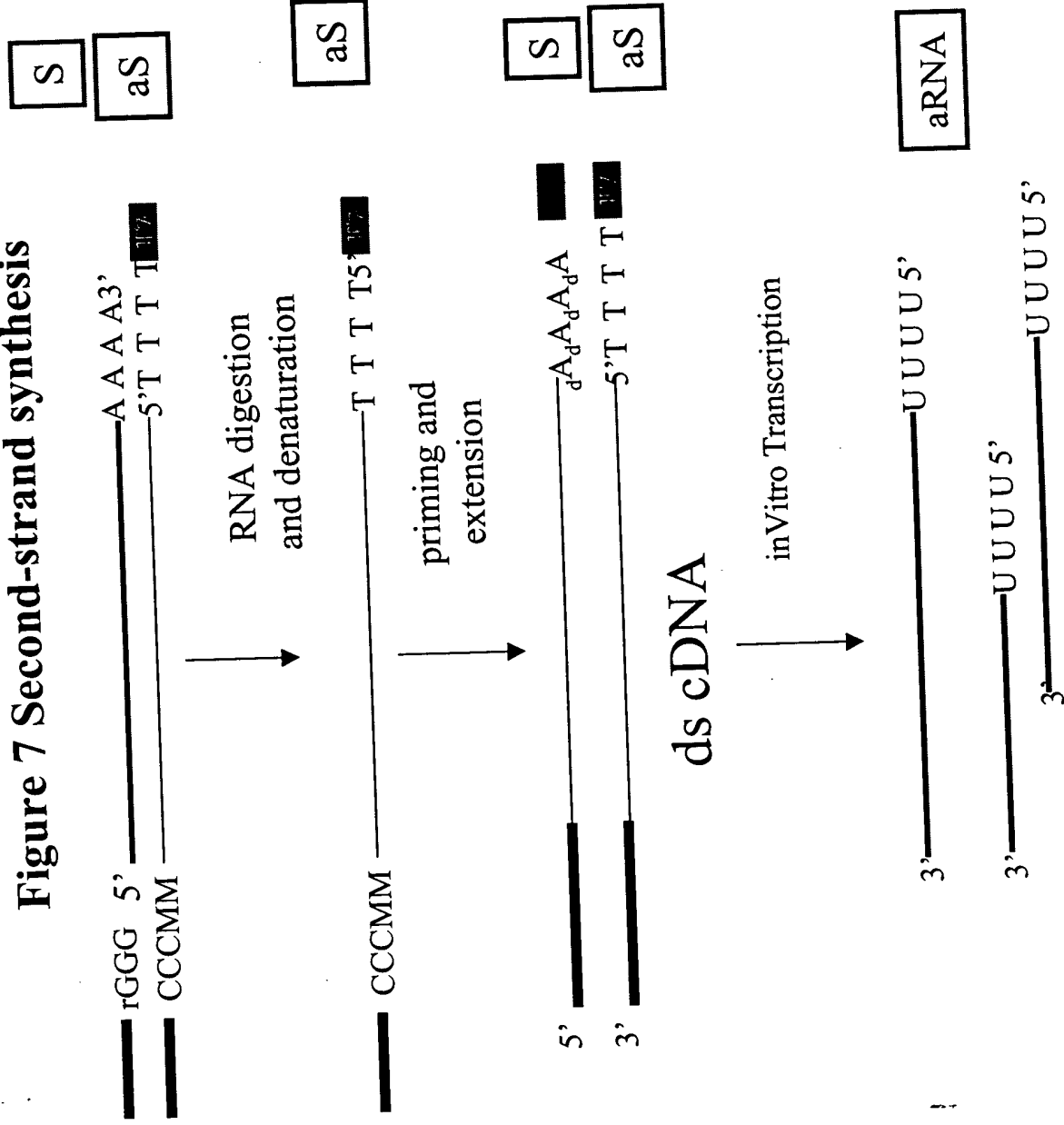
S

aS

S = Sense Strand

aS = anti-Sense Strand

**Figure 7 Second-strand synthesis**



## Figure 8 Anti-sense Probe synthesis

